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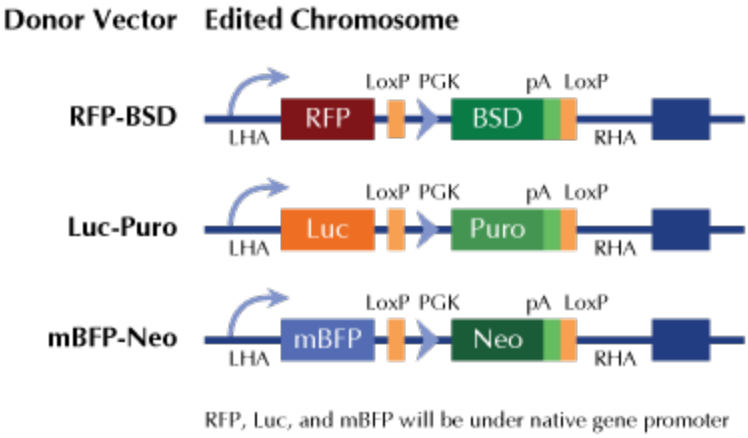
Product datasheet for KN206623RB

Adenosine A2b Receptor (ADORA2B) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Adenosine A2b Receptor
Locus ID:	136
Components:	**KN206623G1**, Adenosine A2b Receptor gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN206623G2**, Adenosine A2b Receptor gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN206623RBD**, donor DNA containing left and right homologous arms and RFP-BSD functional cassette. **GE100003**, scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	NM_000676
UniProt ID:	P29275
Synonyms:	ADORA2
Summary:	This gene encodes an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]

Product images:



RFP, Luc, and mBFP will be under native gene promoter